

U.S. Patent Appln. No. 10/700,705

Docket No. 1625-157-1

Amendment

Reply to Office Action dated April 21, 2005

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1-2. (Cancelled)

3. (Currently amended) A thermosiphon ~~according to claim 2~~, comprising:
a condenser attached to a refrigerator for condensing a working fluid;
a liquid pipe for discharging the working fluid condensed in the condenser;
an evaporator for vaporizing the working fluid fed from the liquid pipe in order to
deprive an inside of a container of heat; and
a gas pipe for returning the working fluid vaporized inside the evaporator to said
condenser,
wherein said evaporator is made up of:
an evaporating section formed of an extruded member, having a plurality
of fine pores formed substantially in parallel with one another;
an introducing section provided on an upstream side of the fine pores of
the evaporating section, said introducing section introducing the liquid working
fluid fed from the liquid pipe into the fine pores of the evaporating section; and
an exhausting section provided on a downstream side of the evaporating
section, said exhausting section collecting the evaporated working fluid in the fine
pores of the evaporating section and then supplying the working fluid thus
collected into the gas pipe,
wherein said evaporating section is provided along an outer periphery of the container,
wherein said plurality of fine pores of said evaporator are arranged vertically, disposed in
an approximately horizontal manner, and
wherein said evaporating section is bent so that it may extend along an outer surface of
the container.